



RAW SEQUENCE LISTING ERROR REPORT

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TECH CENTER 1600/2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806,125C
Source: 1600
Date Processed by STIC: 5/8/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

Does Not Comply
Corrected Diskette Needed

See page 2



1600

RAW SEQUENCE LISTING

DATE: 05/08/2003

PATENT APPLICATION: US/09/806,125C

TIME: 15:01:09

Input Set : A:\EP.txt

Output Set: N:\CRF4\05082003\I806125C.raw

3 <110> APPLICANT: MATSUTANI, Etsuya
 4 NAITO, Kenichiro
 6 <120> TITLE OF INVENTION: Agents For Retarding Change of Hormone-dependent Cancer into
 Hormone-
 7 independent Cancer
 9 <130> FILE REFERENCE: 2556US0P
 11 <140> CURRENT APPLICATION NUMBER: 09/806,125C
 12 <141> CURRENT FILING DATE: 2001-03-28
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP99/05533
 15 <151> PRIOR FILING DATE: 1999-10-07
 17 <150> PRIOR APPLICATION NUMBER: JP 10-286793
 18 <151> PRIOR FILING DATE: 1998-10-08
 20 <160> NUMBER OF SEQ ID NOS: 13
 22 <170> SOFTWARE: PatentIn version 3.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 10
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: synthetic LH-RH peptide derivative
 32 <220> FEATURE:
 33 <221> NAME/KEY: MOD_RES
 34 <222> LOCATION: (6)..(6)
 35 <223> OTHER INFORMATION: D-Leu
 37 <220> FEATURE:
 38 <221> NAME/KEY: MOD_RES
 39 <222> LOCATION: (9)..(9)
 40 <223> OTHER INFORMATION: Pro or Pro-NH-C2H5
 42 <220> FEATURE:
 43 <221> NAME/KEY: MOD_RES
 44 <222> LOCATION: (10)..(10)
 45 <223> OTHER INFORMATION: Gly-NH2 or nothing
 48 <400> SEQUENCE: 1
 W--> 50 Pro His Trp Ser Tyr Xaa Leu Arg Xaa Xaa
 51 1 5 10
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 10
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: synthetic LH-RH peptide derivative
 61 <220> FEATURE:
 62 <221> NAME/KEY: MOD_RES
 63 <222> LOCATION: (6)..(6)

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64 <223> OTHER INFORMATION: DLeu, DAla, DTrp, DSer(tBut), D2Nal, DHis(ImBzl)
 66 <220> FEATURE:
 67 <221> NAME/KEY: MOD_RES
 68 <222> LOCATION: (9)..(9)
 69 <223> OTHER INFORMATION: Pro or Pro-NH-C2H5
 71 <220> FEATURE:
 72 <221> NAME/KEY: MOD_RES
 73 <222> LOCATION: (10)..(10)
 74 <223> OTHER INFORMATION: Gly-NH2 or nothing
 77 <400> SEQUENCE: 2
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 80 1 5 10
 82 <210> SEQ ID NO: 3
 83 <211> LENGTH: 11
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Artificial Sequence
 87 <220> FEATURE:
 88 <223> OTHER INFORMATION: synthetic LH-RH peptide derivative
 90 <220> FEATURE:
 91 <221> NAME/KEY: MOD_RES
 92 <222> LOCATION: (1)..(1)
 93 <223> OTHER INFORMATION: N(4H2-furoyl)Gly, NAc
 96 <220> FEATURE:
 97 <221> NAME/KEY: MOD_RES
 98 <222> LOCATION: (2)..(2)
 99 <223> OTHER INFORMATION: D2Nal
 102 <220> FEATURE:
 103 <221> NAME/KEY: MOD_RES
 104 <222> LOCATION: (3)..(3)
 105 <223> OTHER INFORMATION: D4ClPhe
 108 <220> FEATURE:
 109 <221> NAME/KEY: MOD_RES
 110 <222> LOCATION: (4)..(4)
 111 <223> OTHER INFORMATION: D3Pal
 115 <220> FEATURE:
 116 <221> NAME/KEY: MOD_RES
 117 <222> LOCATION: (6)..(6)
 118 <223> OTHER INFORMATION: NMeTyr, Tyr, Aph(Atz), NMeAph(Atz)
 121 <220> FEATURE:
 122 <221> NAME/KEY: MOD_RES
 123 <222> LOCATION: (7)..(7)
 124 <223> OTHER INFORMATION: DLys(Nisp), DCit, DLys(AzaglyNic), DLys(AzaglyFur), DhArg
 (Atz), D
 125 hC
 128 <220> FEATURE:
 129 <221> NAME/KEY: MOD_RES
 130 <222> LOCATION: (9)..(9)
 131 <223> OTHER INFORMATION: Lys(Nisp), Arg, hArg(Et2)
 134 <400> SEQUENCE: 3
 W--> 136 Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa

ALL Xaa Location
 must be explained in a
 Feature:

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```

137 1          5          10
139 <210> SEQ ID NO: 4
140 <211> LENGTH: 6
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: synthetic kinase consensus target peptide
147 <400> SEQUENCE: 4
149 His Arg Asp Leu Ala Ala
150 1          5
152 <210> SEQ ID NO: 5
153 <211> LENGTH: 5
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: synthetic kinase consensus target peptide
160 <400> SEQUENCE: 5
162 Ser Asp Val Trp Ser
163 1          5
165 <210> SEQ ID NO: 6
166 <211> LENGTH: 16
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: primer
174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <222> LOCATION: (4)..(4)
177 <223> OTHER INFORMATION: C or A
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (3)..(3)
183 <223> OTHER INFORMATION: C or T
186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (9)..(10)
189 <223> OTHER INFORMATION: C or T
192 <400> SEQUENCE: 6
W--> 193 canngggann ggcbgc
196 <210> SEQ ID NO: 7
197 <211> LENGTH: 16
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer
204 <220> FEATURE:
205 <221> NAME/KEY: misc_feature
206 <222> LOCATION: (2)..(2)
207 <223> OTHER INFORMATION: a or g

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RAW SEQUENCE LISTING

DATE: 05/08/2003

PATENT APPLICATION: US/09/806,125C

TIME: 15:01:09

Input Set : A:\EP.txt

Output Set: N:\CRF4\05082003\I806125C.raw

210 <220> FEATURE:
 211 <221> NAME/KEY: misc_feature
 212 <222> LOCATION: (8)..(8)
 213 <223> OTHER INFORMATION: c or a
 216 <220> FEATURE:
 217 <221> NAME/KEY: misc_feature
 218 <222> LOCATION: (11)..(11)
 219 <223> OTHER INFORMATION: g or a
 222 <220> FEATURE:
 223 <221> NAME/KEY: misc_feature
 224 <222> LOCATION: (14)..(14)
 225 <223> OTHER INFORMATION: a or g
 228 <400> SEQUENCE: 7
W--> 229 anctccanac ntcnct
 232 <210> SEQ ID NO: 8
 233 <211> LENGTH: 17
 234 <212> TYPE: DNA
 235 <213> ORGANISM: Artificial Sequence
 237 <220> FEATURE:
 238 <223> OTHER INFORMATION: primer
 240 <220> FEATURE:
 241 <221> NAME/KEY: misc_feature
 242 <222> LOCATION: (3)..(3)
 243 <223> OTHER INFORMATION: c or t
 246 <220> FEATURE:
 247 <221> NAME/KEY: misc_feature
 248 <222> LOCATION: (4)..(4)
 249 <223> OTHER INFORMATION: c or a
 252 <220> FEATURE:
 253 <221> NAME/KEY: misc_feature
 254 <222> LOCATION: (6)..(6)
 255 <223> OTHER INFORMATION: g or a
 258 <220> FEATURE:
 259 <221> NAME/KEY: misc_feature
 260 <222> LOCATION: (10)..(10)
 261 <223> OTHER INFORMATION: c or t
 264 <220> FEATURE:
 265 <221> NAME/KEY: misc_feature
 266 <222> LOCATION: (12)..(12)
 267 <223> OTHER INFORMATION: g or t
 270 <220> FEATURE:
 271 <221> NAME/KEY: misc_feature
 272 <222> LOCATION: (15)..(15)
 273 <223> OTHER INFORMATION: a or t
 276 <400> SEQUENCE: 8

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W--> 277 canngngacn tngcngc
 280 <210> SEQ ID NO: 9
 281 <211> LENGTH: 16
 282 <212> TYPE: DNA

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RAW SEQUENCE LISTING

DATE: 05/08/2003

PATENT APPLICATION: US/09/806,125C

TIME: 15:01:09

Input Set : A:\EP.txt

Output Set: N:\CRF4\05082003\I806125C.raw

283 <213> ORGANISM: Artificial Sequence
 285 <220> FEATURE:
 286 <223> OTHER INFORMATION: primer
 288 <220> FEATURE:
 289 <221> NAME/KEY: misc_feature
 290 <222> LOCATION: (2)..(2)
 291 <223> OTHER INFORMATION: a or g
 294 <220> FEATURE:
 295 <221> NAME/KEY: misc_feature
 296 <222> LOCATION: (8)..(8)
 297 <223> OTHER INFORMATION: a or c
 300 <220> FEATURE:
 301 <221> NAME/KEY: misc_feature
 302 <222> LOCATION: (14)..(14)
 303 <223> OTHER INFORMATION: a or c
 306 <400> SEQUENCE: 9

W--> 307 anctccanac gtcnga

16

310 <210> SEQ ID NO: 10
 311 <211> LENGTH: 17
 312 <212> TYPE: DNA
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <223> OTHER INFORMATION: primer
 318 <220> FEATURE:
 319 <221> NAME/KEY: misc_feature
 320 <222> LOCATION: (3)..(3)
 321 <223> OTHER INFORMATION: c or t
 324 <220> FEATURE:
 325 <221> NAME/KEY: misc_feature
 326 <222> LOCATION: (4)..(4)
 327 <223> OTHER INFORMATION: c or a
 330 <220> FEATURE:
 331 <221> NAME/KEY: misc_feature
 332 <222> LOCATION: (6)..(6)
 333 <223> OTHER INFORMATION: g or a
 336 <220> FEATURE:
 337 <221> NAME/KEY: misc_feature
 338 <222> LOCATION: (10)..(10)
 339 <223> OTHER INFORMATION: c or t
 342 <220> FEATURE:
 343 <221> NAME/KEY: misc_feature
 344 <222> LOCATION: (15)..(15)
 345 <223> OTHER INFORMATION: a or g
 348 <400> SEQUENCE: 10

W--> 349 canngngacn tggcngc

17

352 <210> SEQ ID NO: 11
 353 <211> LENGTH: 16
 354 <212> TYPE: DNA
 355 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/806,125C

DATE: 05/08/2003
TIME: 15:01:10

Input Set : A:\EP.txt
Output Set: N:\CRF4\05082003\I806125C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6,9,10
Seq#:2; Xaa Pos. 6,9,10
Seq#:3; Xaa Pos. 1,2,3,4,6,7,9,11
Seq#:6; N Pos. 3,4,9,10
Seq#:7; N Pos. 2,8,11,14
Seq#:8; N Pos. 3,4,6,10,12,15
Seq#:9; N Pos. 2,8,14
Seq#:10; N Pos. 3,4,6,10,15
Seq#:11; N Pos. 2,8,11,14

VERIFICATION SUMMARY

DATE: 05/08/2003

PATENT APPLICATION: US/09/806,125C

TIME: 15:01:10

Input Set : A:\EP.txt

Output Set: N:\CRF4\05082003\I806125C.raw

L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0